

**A DISTRIBUTED PROCESSING SYSTEM HAVING SENSOR BASED DATA
COLLECTION AND ASSOCIATED METHOD**

ABSTRACT OF THE DISCLOSURE

5 A sensor-based network hosted on a distributed computing platform and
associated method are disclosed. The distributed computing platform takes advantage
of unused capabilities of internet, intranet, wireless or otherwise network connected
client systems, such as personal computers, internet appliances, notebook computers,
server systems, storage devices or any other connected computing device. One
10 capability for many of these devices is the ability to provide the infrastructure support
for sensors, such as power, communication services, recording, data logging services
and other supporting services that would allow the sensor to gather data and provide
and/or communicate that data in a useful and timely manner. Such sensors can
interface to these devices using a variety of communication techniques, and these
15 sensors can be a single set or multiple sets of sensor devices associated with each
device. These sensors can take on a wide variety of forms and purposes, including
but not limited to sensors for weather related measurements, atmospheric conditions,
air/water/environmental conditions, seismic activity, location information (such as
GPS data), biological conditions, health conditions, and chemical contamination
measurements.